

Schultz Company  
P.O. Box 4406  
Bridgeton, MO 63044-0406

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

## Hazardous Material Identification System-(HMIS)

HEALTH - 1

REACTIVITY - 0

FLAMMABILITY - 0

PERSONAL -

**I Trade Name:** Schultz Orchid Food

**Product Type:** Water Soluble Fertilizer

**Item Number:** 10910.1

**EPA Registration Number**

**Manufacturer**

**Emergency Telephone No.**

N/A

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**For Chemical Emergency:** 1-800-633-2873  
**For Information:** 1-800-257-2941  
**Prepared by:** Charlie Duckworth  
**Date Prepared:** March 10, 2004

## II Hazardous Ingredients/Identity Information

## III Physical and Chemical Characteristics

Chemical	%	OSHA PEL	ACGIH TLV
Inert			
19-31-17 Fertilizer	100	NA	NA

(Derived from: Ammonium Phosphate, Copper Sulfate, Iron EDTA, Manganese EDTA, Potassium Nitrate, Potassium Phosphate, Urea, Urea Phosphate, Boric Acid, Ammonium Molybdate, Zinc EDTA. Information regarding the contents and levels of metals in this product is available on the Internet at [www.regulatory-info-sb.com](http://www.regulatory-info-sb.com))

**Appearance:** Granular  
**Boiling Point:** NA  
**Melting Point:** NA  
**Vapor Pressure:** NA  
**Specific Gravity:** (H<sub>2</sub>O=1) NA  
**Solubility in Water:** NA  
**Evaporation Rate:** NA

## IV Fire and Explosion Hazard Data

## V Reactivity Data

**Flash Point:** N/A - Will not burn  
**Flame Extension:** N/A  
**Flammable Limits:** N/A  
**Autoignition Temp.:** N/A  
**Fire Extinguishing Media:** Use proper media to extinguish surrounding fire  
**Decomposition Temp.:** N/A  
**Special Fire-Fighting Procedures:** Use self-contained air supply. Ammonium is toxic to aquatic organisms. Keep runoff from reaching any body of water  
**Unusual Fire and Explosion Hazards:** Noxious fumes may form ammonia and oxides of nitrogen and carbon.

**Stability:** Stable  
**Polymerization:** Will not occur  
**Conditions to Avoid:** Fire conditions  
**Incompatible Materials:** Corrosive to metals.  
**Hazardous Decomposition or Byproducts:** Oxides of nitrogen, carbon and phosphorous are possible.

## VI Health Hazard Data

## VII Precautions for Safe Handling and Use

**Summary of Risks:** Possible nausea, vomiting, diarrhea - possible skin or eye irritation  
**FIRST AID PROCEDURES**  
**Ingestion (Swallowing):** Get medical attention..  
**Inhalation:** Remove to fresh air. Treat symptomatically.  
**Skin Contact:** Wash thoroughly.  
**Eye Contact:** Flush with water for 15 minutes holding eyelids open. Get medical attention.  
**Special Notes:** None  
**Health Conditions Aggravated by Exposure:** Excessive inhalation of dust may cause irritation and coughing. Inhalation of dust may also aggravate asthma in susceptible individuals. Prolonged skin contact may cause mild skin irritation.  
**Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens:** None

**Steps to be Taken in Case Material is Released or Spilled:** Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.  
**Waste Disposal:** Remove to approved landfill.  
**Handling & Storage Precautions:** Keep out of reach of children. Avoid bag breakage.

## VIII Control Measures

## IX Transportation Data

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

**DOT Shipping Name -** Not Regulated by DOT  
**DOT Hazard Class -** None

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